

Improve
Soil Quality

Enhance
Soil Fertility

Reduce
Soil Erosion

Water Retention &
Infiltration

Weed & Disease
Suppression

Improved Diversity
& Wildlife

**Reduce Soybean Cyst
Nematode with Annual
Ryegrass, Winter Cereal
Grains, and Brassicas**

**Brassicas increase
earthworm populations**

**Compacted Soils?
Annual Ryegrass roots
have the power to burst
through**

**Plan Ahead -
Manage cover crops and
consult an experienced
cover crop expert**

**Annual Ryegrass and
Winter Cereal Grains can
reduce Nitrate loss up to
30% or more**

**Cover crops support soil
biology**

**Control Weeds -
Grasses ensure optimal
biomass in mixtures**

Improve water quality

**Enough Legumes?
Some N produced by
plants will be used in
decomposition**

Increase land value

Cover Crops

Build Lasting Partnerships With Your Land

I want to...	Primary Cover Crop Species
Graze Animals	Annual Ryegrass, Turnips, Kale, Sorghum-Sudan, Cereal Grains, Legumes
Reduce Compaction	Radish, Rape, Sugar Beet, Sunflower, Sorghum-Sudan, Annual Ryegrass
Improve Infiltration/Moisture Content	Annual Ryegrass, Rape, Clovers, Radish, Rye, Triticale
Retain/Build Nitrogen	Clovers, Vetches, Cowpeas, Field Pea, Sunn Hemp
Improve Residue Cycling	Brassicas (Rape, Turnips, and Mustards), Legumes
Improve Nutrient Cycling	Sugar Beets, Brassicas, Small Grains, Annual Ryegrass, Buckwheat
Reclaim Saline Ground	Sugar Beets, Barley, Rape



Custom Mixtures Available



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Our Roots Run

DEEP



Seed	Seed Depth	Seeds/Lb	Est./Avg. Seeding Rate (Lbs/Ac)		
			Drill	Broadcast	Aerial
BioTill Exclusives					
Bounty Annual Ryegrass	0 - 1/2"	170,000	10 - 15	15 - 20	20 - 25
African Forage Cabbage	1/4 - 1/2"	180,000	3 - 5	5 - 7	7 - 10
Bayou Kale	1/4 - 1/2"	175,000	3	6	9
Enricher Brand Radish	1/4 - 1/2"	34,000	6	8 - 10	8 - 10
Newbie Sugar Beets (non GMO)	3/8 - 5/8"	10,000	6 - 8	N/A	N/A
Shield Broadleaf Mustard	1/2"	205,000	4	5	9
Mihi Persian Clover	1/4 - 1/2"	260,000	5 - 6	7	8 - 9
Vital Hairy Vetch	1/2 - 1 1/2"	14,000	15 - 20	25 - 40	N/A

Seed	Seed Depth	Seeds/Lb	Est./Avg. Seeding Rate (Lbs/Ac)		
			Drill	Broadcast	Aerial
Dwarf Essex Rape	1/4 - 1/2"	155,000	4	7	9
Purple Top Turnips	1/4 - 3/4"	200,000	5	8	12
Pearl Millet	1/2 - 1"	80,000	10 - 15	11 - 17	N/A
Sorghum Sudan	1/2 - 1 1/2"	20,000	15 - 30	17 - 33	N/A
Sudangrass	1/2 - 1"	42,000	15 - 20	17 - 22	N/A
Austrian Winter Peas	1 - 2"	2,000	30	N/A	N/A
Cow Peas	1 - 1 1/2"	3,600	30 - 60	N/A	N/A
Berseem Clover	1/4 - 3/8"	160,000	8 - 15	9 - 17	10 - 18
Crimson Clover	1/4 - 1/2"	150,000	12 - 15	15 - 18	15 - 18
Red Clover	1/4 - 1/2"	273,000	8 - 10	9 - 11	10 - 12
Yellow Blossom Sweet Clover	1/4 - 3/4"	260,000	6 - 10	7 - 11	7 - 12
Cahaba Vetch	1/2 - 5/8"	10,000	20	25	N/A
Buckwheat	1/2 - 1"	18,000	20 - 35	22 - 39	24 - 42
Cereal Rye	3/4 - 2"	18,000	50 - 60	60 - 75	75 - 90
Triticale	1 - 1/2"	23,000	65	80	95
Naomi Woolly Pod Vetch	1/2 - 1"	10,000	10 - 30	30 - 60	N/A
Sunflower	1 1/2 - 2"	7,000	1 - 3	N/A	N/A
Sunn Hemp	3/4 - 2"	15,000	6 - 10	N/A	N/A
Phacelia	1/4 - 1/2"	225,000	1 - 3	N/A	N/A
Flax	1 - 1 1/2"	83,000	2 - 5	N/A	N/A
Winter Barley	3/4 - 1 1/2"	13,600	60 - 80	75 - 100	90 - 120
Spring Oats	1/2 - 1 1/2"	20,000	30 - 60	35 - 69	36 - 72

Rejuvenate



Grow



Manage

